

# RECLAMATION ESTIMATE

H.E. Davis & Sons, Inc.

Henry #1 & #2 Mine

M/023/023

last revision

02/11/93

Juab County

Prepared by Utah State Division of Oil, Gas & Mining

## Reclamation Details

- All structures & equipment to be removed from the mine site
- All stockpile pads, facility areas & new roads to be ripped, seeded, mulched
- All trash & debris removed from site
- Quarry benches/highwalls left at ~ 73 degree (VARIANCE)
- Sediment pond to have a postmine use (VARIANCE)
- Waste fines of -1/2" size spread on pit benches & floor (~ 2 ft deep)
- ASSUME 70% of total pit area will be covered with waste fines
- Entire disturbed area, including topsoil stockpiles, to be broadcast seeded
- All drillholes not mined must be plugged according to DOGM rules
- Salvaged topsoil will be placed back on the original salvage area
- ACREAGES: sed. pond 0.5, waste 0.4, ore 0.3, facilities 0.5,
- north road 0.2, south road 0.1, pit 4.6, 1992 reclaimed 1.4
- Estimated total disturbed acreage = 8.0 acre

Activity	Amount	\$/unit	\$
Regrade sed pond (VARIANCE)	0.5 acre	218	0
Place 2 ft of fines on floor & benches	4.2 acre	2,100	8,820
Rip: stockpiles, roads, facilities	1.5 acre	495	743
Grading pit perimeter topsoil-EST	1.0 acre	327	327
General regrading/block access	2 acre	327	654
Broadcast seeding	8 acre	200	1,600
Hay mulch @ 2,000 lb/acre	8 acre	140	1,120
Remove trash & debris	8 acre	100	800
Plug drill holes	1 sum	500	500
Regrade/protect drainage-ESTIMATE	600 LF	2	1,200
Mobilization	3 equip	1,000	3,000
Subtotal			18,764
Add 10% contingency			1,876
1993-\$ Subtotal			20,640
Add 5 yr escalation at 1.27%			1,344
Total 1998-\$			21,984
Rounded Total in 1998-\$			\$22,000
Average cost per acre =			\$2,750